

ABSTRACT OF THE DISCLOSURE

Initial setup of image to sheet (IOS) or image to paper (IOP) registration in a printing device such as, for example, an electrographic printer, is accomplished in a single step that uses an initial set of measurements to determine and correct each of the independent registration errors, including image squareness/ROS skew, image skew/paper skew, lateral magnification, process magnification, lateral direction IOS or IOP position, and process direction IOS or IOP position simultaneously. A set of algorithms is used to perform a series of geometrical transformations to determine each of the six errors affecting IOS or IOP registration.